EAST

9/6/04

I Number	□ :+~	Soarch Toyt	DB	Time stamp
L Number	Hits 2089	Search Text brak\$4 same vibration same (rotor or disk or disc)	USPAT;	2004/09/06 09:19
•	2009	Diakot Same Vibration Same (Totol of disk of disc)	US-PGPUB;	2004/03/00 03.13
		· ·	EPO; JPO;	
			DERWENT	
2	750	brak\$4 same vibration same (rotor or disk or disc) and vibration	USPAT;	2004/09/06 09:20
	, , ,	with (suppress\$ or control\$4 or regulat\$5 or reduction or reduced	US-PGPUB;	
		or reducing)	EPO; JPO;	
		3,	DERWENT	
3	196	(brak\$4 same vibration same (rotor or disk or disc) and vibration	USPAT;	2004/09/06 09:20
		with (suppress\$ or control\$4 or regulat\$5 or reduction or reduced	US-PGPUB;	
		or reducing)) and caliper	EPO; JPO;	
			DERWENT	
4	37	(brak\$4 same vibration same (rotor or disk or disc) and vibration	USPAT;	2004/09/06 09:22
		with (suppress\$ or control\$4 or regulat\$5 or reduction or reduced	US-PGPUB;	
		or reducing)) and caliper same motor	EPO; JPO;	
5	7	caliper same electric adj motor same vibration	DERWENT USPAT;	2004/09/06 09:2
١ ١	,	Caliper Same electric adjiniotor Same vibration	US-PGPUB;	2004/09/00 09.2
			EPO; JPO;	
			DERWENT	
6	1	188/73.35.ccls. and electric adj motor same vibration	USPAT;	2004/09/06 09:24
·	-	1001101010101010101010101010101010101010	US-PGPUB;	200 1100100 00.2
			EPO; JPO;	
			DERWENT	_
7	162	electric adj motor same vibration same brak\$4	USPAT;	2004/09/06 09:24
			US-PGPUB;	
			EPO; JPO;	
_			DERWENT	
9	3	electric adj motor same vibration same brak\$4 and depression	USPAT;	2004/09/06 09:2
		with force with sensor	US-PGPUB;	
			EPO; JPO;	
8	32	electric adj motor same vibration same brak\$4 and brak\$ with	DERWENT USPAT;	2004/09/06 09:26
٥	32	pedal	US-PGPUB;	2004/09/00 09.20
		pedal	EPO; JPO;	
i			DERWENT	
10	3	caliper with motor same vibration same brak\$4 and brak\$ with	USPAT;	2004/09/06 09:26
		pedal	US-PGPUB;	
			EPO; JPO;	
			DERWENT	
11	120	resolver same vibration	USPAT;	2004/09/06 09:5
40	00		US-PGPUB	
12	38	resolver same vibration same motor	USPAT;	2004/09/06 09:5
13	0	receiver come vibration come motor come nieton	US-PGPUB	2004/00/06 00:5
'3	0	resolver same vibration same motor same piston	USPAT; US-PGPUB	2004/09/06 09:52
14	1122	vibration same motor same piston	USPAT;	2004/09/06 09:5
'	1122	Vibration same motor same piston	US-PGPUB	2004/09/00 09.5
15	5	vibration same motor same piston same caliper	USPAT;	2004/09/06 09:52
.		The date of the control of the contr	US-PGPUB	2004/00/00 00:0
16	7	vibration same motor same piston same caliper	USPAT;	2004/09/06 09:5
		,	US-PGPUB;	
			EPO; JPO;	
			DERWENT	
17	40	vibration same motor and piston same caliper	USPAT;	2004/09/06 09:5
			US-PGPUB;	
			EPO; JPO;	
40	_	withoution come mater and 640,4050 in a	DERWENT	0004/00/00 00 =
18	0	vibration same motor and f16d65\$.ipc.	USPAT;	2004/09/06 09:5
			US-PGPUB;	
			EPO; JPO;	
19	91	vibration same motor and f16d065\$.ipc.	DERWENT USPAT;	2004/09/06 10:0
,,,	וכ	Therefore and Houdoop.pc.	US-PGPUB;	2004/08/00 10:0
			I JOH JE UD,	1
-			EPO: JPO:	1
			EPO; JPO; DERWENT	

1 vibration same suppression same electric adj motor same brak\$4 USPAT; U					
1 1 1 1 1 1 1 1 1 1		1	1997-364981.NRAN.	DERWENT	2004/09/06 10:06
23 99097 vibration same suppression same) motor same brak\$4 15PAT; US.P-QFUB; EPC; JPO; DERWENT US.PAT; US.PAT; US	22	1	vibration same suppression same electric adj motor same brak\$4		2004/09/06 10:08
23 99097 vibration same suppression same jmotor same brak\$4 SPAT; US-PCPUB; PC9, UPO; DERWENT USPAT; US-PCPUB; PC					
29997 vibration same suppression same imotor same brak\$4					
24					
24 6 vibration same suppression same motor same brak\$4 SPC; JPC; DERWENT USPAT; USPAT	23	99097	vibration same suppression samej motor same brak\$4		2004/09/06 10:08
24					
2004/09/06 10:09 UsPAT: Us					
25		_		9	
25	24	6	vibration same suppression same motor same brak\$4		2004/09/06 10:09
25					
25					
26					
26	25	4	vibration same (piston with caliper) same motor same brak\$4		2004/09/06 10:09
26					
26					
27		1			0004/00/00 40 40
27	26	494	vibration same caliper same brak\$4		2004/09/06 10:10
27					
27					
28	07	440	the standard and standard standard standard standard	I .	0004/00/00 40-44
28	27	410	vibration same caliper same brak\$4 and f160\$.ipc.		2004/09/06 10:11
28					
28					
with calculat\$4 and f16d\$.ipc.			The first of the f		0004/00/00 40.40
29	28	0			2004/09/06 10:12
1			with calculat\$4 and f16d\$.ipc.		
1					
Calculat\$4 and f16d\$.ipc.	.00				0004/00/00 40:40
2004/09/06 10:13 2004/09/06 10:23 2004/09/06	29	1			2004/09/06 10:12
0 vibration same caliper same brak\$4 same (motor or drive or driver) 2004/09/06 10:13 1			calculat§4 and f160\$.lpc.		
30					
driver) same vibration with calculat\$4 and f16d\$.ipc. US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	20	0	withration, same colliner same brok\$4, same (mater or drive or		2004/00/06 10:12
28 vibration same caliper same brak\$4 same (motor or drive or driver) same vibration and f16d\$.ipc.	30				2004/09/00 10:13
28 vibration same caliper same brak\$4 same (motor or drive or driver) same vibration and f16d\$.ipc. SPGPUB; EPO; JPO; DERWENT USPAT; USPGPUB; EPO; JPO; DERWENT USPAT; USPA			uriver) same vibration with calculativa and frouv.lpc.		
28 vibration same caliper same brak\$4 same (motor or drive or driver) same vibration and f16d\$.ipc.					
driver) same vibration and f16d\$.ipc. US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB;	24	20	vibration, same caliner some brok\$4, some (motor or drive or		2004/00/06 10:15
Section Sect	<u>ا</u>	20			2004/09/00 10.15
32 5511 (188/72.1-72.9,73.35-73.36,156-165.ccls. or 303/191.ccls.) DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT US		'	dilver) same vibration and rious.ipc.	,	
32 5511 (188/72.1-72.9,73.35-73.36,156-165.ccls. or 303/191.ccls.) USPAT; US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; JPO; JPO; JPO; JPO; JPO; JPO; J					
33 39 vibration same caliper same brak\$4 same (motor or drive or driver) US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; JPO; JPO; JPO; JPO; JPO; JPO; J	32	5511	(188/72 1-72 0 73 35-73 36 156-165 cole or 303/101 cole)		2004/00/06 10:16
33 39 vibration same caliper same brak\$4 same (motor or drive or driver) 2004/09/06 10:19 2004/09/06 10:20 2004/09/06 10:20 2004/09/06 10:20 2004/09/06 10:20 2004/09/06 10:20 2004/09/06 10:20 2004/09/06 10:20 2004/09/06 10:20 2004/09/06 10:20 2004/09/06 10:20 2004/09/06 10:20 2004/09/06 10:20 2004/09/06 10:20 2004/09/06 10:20 2004/09/06 10:20 2004/09/06 10:20 2004/09/06 10:20 2004/09/06 10:20 2004/09/	32	3311	(100/12.1-12.3,13.33-13.30,130-103.003. 01 303/131.003.)		2004/09/00 10.10
33 39 vibration same caliper same brak\$4 same (motor or drive or drive) DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; USPAT					
33 39 vibration same caliper same brak\$4 same (motor or drive or driver) USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; and (vibration same caliper same brak\$4 same (motor or drive or driver) USPAT; US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DE					
driver	33	39	vibration same caliner same brak\$4 same (motor or drive or		2004/09/06 10:19
11					200-7/00/00 10:10
11 ((188/72.1-72.9,73.35-73.36,156-165.ccls. or 303/191.ccls.)) and (vibration same caliper same brak\$4 same (motor or drive or driver)) 28 vibration same caliper same brak\$4 same (motor or drive or driver) not (((188/72.1-72.9,73.35-73.36,156-165.ccls. or 303/191.ccls.)) and (vibration same caliper same brak\$4 same (motor or drive or driver) not (((188/72.1-72.9,73.35-73.36,156-165.ccls. or 303/191.ccls.)) and (vibration same caliper same brak\$4 same (motor or drive or drive or driver))) 36	:				
34 11 ((188/72.1-72.9,73.35-73.36,156-165.ccls. or 303/191.ccls.)) and (vibration same caliper same brak\$4 same (motor or drive or driver)) USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT USPAT; USPAT USPAT USPAT USPAT USPAT USPAT USPAT; USPAT		•		, , ,	
and (vibration same caliper same brak\$4 same (motor or drive or driver)) 28 vibration same caliper same brak\$4 same (motor or drive or driver) not (((188/72.1-72.9,73.35-73.36,156-165.ccls. or 303/191.ccls.)) and (vibration same caliper same brak\$4 same (motor or drive or driver)) 2000283193.URPN. 30 0 2000283193.URPN. 31 0 2000283193.URPN. 32 VIBRATION and CONTROL and ELECTRIC adj2 (motor or actuator or DRIVE) and BRAKE and CALIPER and (fluctaut\$ or VARIATION or fREQUENCY) 39 30 VIBRATION and CONTROL and ELECTRIC adj2 (motor or actuator or DRIVE) and BRAKE and CALIPER and (fluctaut\$ or VARIATION or fREQUENCY) with vibration 39 VIBRATION or fREQUENCY) with vibration 30 VIBRATION or fREQUENCY) with vibration 31 US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERW	34	11	((188/72.1-72.9.73.35-73.36.156-165.ccls.or.303/191.ccls.).)		2004/09/06 10:17
or driver)) 28 vibration same caliper same brak\$4 same (motor or drive or driver) not (((188/72.1-72.9,73.35-73.36,156-165.ccls. or 303/191.ccls.)) and (vibration same caliper same brak\$4 same (motor or drive or driver)) 36 0 2000283193.URPN. 37 0 2000283193.URPN. 38 116 VIBRATION and CONTROL and ELECTRIC adj2 (motor or actuator or DRIVE) and BRAKE and CALIPER and (fluctaut\$ or VARIATION or fREQUENCY) 39 30 VIBRATION and CONTROL and ELECTRIC adj2 (motor or actuator or DRIVE) and BRAKE and CALIPER and (fluctaut\$ or VARIATION or fREQUENCY) with vibration EPO; JPO; DERWENT USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPO; JPO; DERWENT USPAT; USPAT					
vibration same caliper same brak\$4 same (motor or drive or driver) not (((188/72.1-72.9,73.35-73.36,156-165.ccls. or 303/191.ccls.)) and (vibration same caliper same brak\$4 same (motor or drive or driver))) 2000283193.URPN. 2000283193.URPN. VIBRATION and CONTROL and ELECTRIC adj2 (motor or actuator or DRIVE) and BRAKE and CALIPER and (fluctaut\$ or VARIATION or fREQUENCY) VIBRATION and CONTROL and ELECTRIC adj2 (motor or actuator or DRIVE) and BRAKE and CALIPER and (fluctaut\$ or VARIATION or fREQUENCY) VIBRATION or fREQUENCY) with vibration DERWENT USPAT; US-PGPUB; EPO; JPO;	Î				,
35	ı				
driver) not (((188/72.1-72.9,73.35-73.36,156-165.ccls. or 303/191.ccls.)) and (vibration same caliper same brak\$4 same (motor or drive or driver))) 2000283193.URPN. 2000283193.URPN. 2000283193.URPN. VIBRATION and CONTROL and ELECTRIC adj2 (motor or actuator or DRIVE) and BRAKE and CALIPER and (fluctaut\$ or VARIATION or fREQUENCY) 39 30 VIBRATION and CONTROL and ELECTRIC adj2 (motor or actuator or DRIVE) and BRAKE and CALIPER and (fluctaut\$ or VARIATION or fREQUENCY) 39 30 VIBRATION and CONTROL and ELECTRIC adj2 (motor or actuator or DRIVE) and BRAKE and CALIPER and (fluctaut\$ or VARIATION or fREQUENCY) with vibration US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JP	35	28	vibration, same caliper same brak\$4, same (motor or drive or		2004/09/06 10:21
303/191.ccls.)) and (vibration same caliper same brak\$4 same (motor or drive or driver))) 36 0 2000283193.URPN. 37 0 2000283193.URPN. 38 116 VIBRATION and CONTROL and ELECTRIC adj2 (motor or actuator or DRIVE) and BRAKE and CALIPER and (fluctaut\$ or VARIATION or fREQUENCY) 39 30 VIBRATION and CONTROL and ELECTRIC adj2 (motor or actuator or DRIVE) and BRAKE and CALIPER and (fluctaut\$ or VARIATION or fREQUENCY) 39 30 VIBRATION and CONTROL and ELECTRIC adj2 (motor or actuator or DRIVE) and BRAKE and CALIPER and (fluctaut\$ or VARIATION or fREQUENCY) with vibration EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT US-PGP	-				2304/00/00 10.21
(motor or drive or driver))) 36					
36 0 2000283193.URPN. USPAT 2004/09/06 10:20 37 0 2000283193.URPN. USPAT 2004/09/06 10:20 38 116 VIBRATION and CONTROL and ELECTRIC adj2 (motor or actuator or DRIVE) and BRAKE and CALIPER and (fluctaut\$ or VARIATION and CONTROL and ELECTRIC adj2 (motor or actuator or DRIVE) and BRAKE and CALIPER and (fluctaut\$ or VARIATION or fREQUENCY) with vibration USPAT US-PGPUB; EPO; JPO; DERWENT 39 30 VIBRATION and CONTROL and ELECTRIC adj2 (motor or actuator or DRIVE) and BRAKE and CALIPER and (fluctaut\$ or VARIATION or fREQUENCY) with vibration US-PGPUB; EPO; JPO;					
37 38 38 39 30 30 2000283193.URPN. VIBRATION and CONTROL and ELECTRIC adj2 (motor or actuator or DRIVE) and BRAKE and CALIPER and (fluctaut\$ or VARIATION or fREQUENCY) 39 30 VIBRATION and CONTROL and ELECTRIC adj2 (motor or actuator or DRIVE) and BRAKE and CALIPER and (fluctaut\$ or VARIATION or fREQUENCY) 39 30 VIBRATION and CONTROL and ELECTRIC adj2 (motor or actuator or DRIVE) and BRAKE and CALIPER and (fluctaut\$ or VARIATION or fREQUENCY) with vibration 2004/09/06 10:20 2004/09/06 10:20 2004/09/06 10:20 2004/09/06 10:20 2004/09/06 10:20 2004/09/06 10:20	36	n			2004/09/06 10:20
38					
actuator or DRIVE) and BRAKE and CALIPER and (fluctaut\$ or VARIATION or fREQUENCY) 39 30 VIBRATION and CONTROL and ELECTRIC adj2 (motor or actuator or DRIVE) and BRAKE and CALIPER and (fluctaut\$ or VARIATION or fREQUENCY) with vibration US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; DERWENT US-PGPUB; EPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; EPO; EPO; EPO; EPO; EPO; EPO; EPO		-			
VARIATION or fREQUENCY) 39 30 VIBRATION and CONTROL and ELECTRIC adj2 (motor or actuator or DRIVE) and BRAKE and CALIPER and (fluctaut\$ or VARIATION or fREQUENCY) with vibration EPO; JPO; DERWENT USPAT; USPAT; USPAT; USPAD; EPO; JPO; USPO; DERWENT USPAT; USPAD; USPO; USPO		'			
39 30 VIBRATION and CONTROL and ELECTRIC adj2 (motor or actuator or DRIVE) and BRAKE and CALIPER and (fluctaut\$ or VARIATION or fREQUENCY) with vibration DERWENT USPAT; USPAT; US-PGPUB; EPO; JPO;					
39 VIBRATION and CONTROL and ELECTRIC adj2 (motor or actuator or DRIVE) and BRAKE and CALIPER and (fluctaut\$ or VARIATION or fREQUENCY) with vibration USPAT; US-PGPUB; EPO; JPO;			THE THE PROPERTY		
actuator or DRIVE) and BRAKE and CALIPER and (fluctaut\$ or VARIATION or fREQUENCY) with vibration US-PGPUB; EPO; JPO;	39	30	VIBRATION and CONTROL and FLECTRIC adi2 (motor or	1	2004/09/06 10:31
VARIATION or fREQUENCY) with vibration EPO; JPO;					200-1100100 10.01
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40	2	ELECTRIC adj2 (motor or actuator or DRIVE) same BRAk\$3	USPAT;	2004/09/06 10:32
		with CALIPER same VIBRATION and (fluctaut\$ or VARIATION	US-PGPUB;	
		or fREQUENCY) with vibration	EPO; JPO;	
	_		DERWENT	
-	0	Kamiya.in. and Kondoin. and Saski.in. and oba.in.	USPAT;	2004/05/11 12:06
			US-PGPUB;	
			EPO; JPO; DERWENT	
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		Training and Training and Oddrain and Oddrain	US-PGPUB:	250 11 50,00 50.04
			EPO; JPO;	
ļ			DERWENT	
-	115	advics.asn.	USPAT;	2004/05/11 12:07
			US-PGPUB;	
1			EPO; JPO;	
1	81	advics.asn, and brak\$4	DERWENT USPAT:	2004/05/11 13:34
-	"	advics.asii. and brakes	US-PGPUB:	2004/03/11 13.34
			EPO; JPO;	
		·	DERWENT	
-	9	advics.asn. and brak\$4 same vibration	USPAT;	2004/09/06 08:54
			US-PGPUB;	
			EPO; JPO;	
		,	DERWENT	1

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	•			
-	102	vibration same electric adj motor same brak\$4	USPAT; US-PGPUB	2004/05/11 12:14
-	150	vibration same electric adj motor same brak\$4	USPAT; US-PGPUB; EPO; JPO;	2004/05/11 12:14
-	40	vibration same electric adj motor same brak\$4 same rotat\$6 with electric adj motor	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/05/11 12:15
-	14	vibration same electric adj motor same brak\$4 same rotat\$6 with electric adj motor same (rotor or disk or disc)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/05/11 12:17
-	37	vibration same electric adj motor same brak\$4 same (rotor or disk or disc)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/05/11 12:24
- -	1 23	2002-760191.NRAN. (vibration same electric adj motor same brak\$4 same (rotor or disk or disc)) not (vibration same electric adj motor same brak\$4 same rotat\$6 with electric adj motor)	DERWENT DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/05/11 12:18 2004/05/11 12:30
-	68	vibration with suppress\$4 same motor same brak\$4	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/05/11 12:31
-	63	noise with suppress\$4 same motor same brak\$4	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/05/11 12:31
-	120	(vibration with suppress\$4 same motor same brak\$4) or (noise with suppress\$4 same motor same brak\$4)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/05/11 12:33
-	4	((vibration with suppress\$4 same motor same brak\$4) or (noise with suppress\$4 same motor same brak\$4)) and (188/\$.ccls. or 303/\$.ccls. or 318/\$.ccls.) and caliper	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/05/11 12:34
-	17	((vibration with suppress\$4 same motor same brak\$4) or (noise with suppress\$4 same motor same brak\$4)) and (188/\$.ccls. or 303/\$.ccls.)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/05/11 12:37
-	4962	188/72.1-72.9,156-165.ccls.	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/05/11 12:38
•	19	188/72.1-72.9,156-165.ccls. and (noise or vibration) same electric adj motor	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/05/11 12:47
-	1105	electric adj2 (motor or actuator) same piston same brak\$4	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/05/11 12:48
-	27	electric adj2 (motor or actuator) same piston same brak\$4 same (vibration or resonance or noise)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/05/11 13:00
-	1 289	2002-760191.NRAN. electric adj2 (motor or actuator) same piston and 188/\$.ccls.	DERWENT DERWENT USPAT; US-PGPUB;	2004/05/11 12:50 2004/05/11 13:01
-	3657	electric adj2 (motor or actuator) near6 rotat\$4 same detect\$4	EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO;	2004/05/11 13:02
			DERWENT	

	•			
-	1426	electric adj2 (motor or actuator) near6 rotat\$4 same detect\$4 near5 rotat\$5	USPAT; US-PGPUB;	2004/05/11 13:02
	•		EPO; JPO; DERWENT	
	1426	(electric adj2 (motor or actuator) near6 rotat\$4 same detect\$4	USPAT;	2004/05/11 13:02
-	1420	near5 rotat\$5) and (electric adj2 (motor or actuator) near6	US-PGPUB;	2004/03/11 13.02
		rotat\$4 same detect\$4)	EPO; JPO;	
		Totaly4 Same detecty4)	DERWENT	
_	102	((electric adj2 (motor or actuator) near6 rotat\$4 same detect\$4	USPAT;	2004/05/11 13:04
	.02	near5 rotat\$5) and (electric adj2 (motor or actuator) near6	US-PGPUB;	2004/00/11 10:04
		rotat\$4 same detect\$4)) and (vibrat\$4 or noise) with (suppress\$4	EPO; JPO;	
		or inhibit\$4 or reduc\$6)	DERWENT	
-	0	((electric adj2 (motor or actuator) near6 rotat\$4 same detect\$4	USPAT;	2004/05/11 13:05
		near5 rotat\$5) and (electric adj2 (motor or actuator) near6	US-PGPUB;	
		rotat\$4 same detect\$4)) and (vibrat\$4 or noise) with (suppress\$4	EPO; JPO;	
		or inhibit\$4 or reduc\$6) and brak\$4 same caliper same motor	DERWENT	
-	0	((electric adj2 (motor or actuator) near6 rotat\$4 same detect\$4	USPAT;	2004/05/11 13:05
		near5 rotat\$5) and (electric adj2 (motor or actuator) near6	US-PGPUB;	
		rotat\$4 same detect\$4)) and (vibrat\$4 or noise) with (suppress\$4	EPO; JPO;	
		or inhibit\$4 or reduc\$6) and brak\$4 and caliper same motor	DERWENT	
-	1	188/218a.ccls. and (vibrat\$4 or noise) with (suppress\$4 or	USPAT;	2004/05/11 13:06
		inhibit\$4 or reduc\$6) and brak\$4 and caliper same motor	US-PGPUB;	
			EPO; JPO; DERWENT	•
_	14	188/218a.ccls. and (vibrat\$4 or noise) with (rotor or disk or disc)	USPAT;	2004/05/11 13:06
		and brak\$4 and caliper	US-PGPUB;	2004/03/11 13:00
			EPO; JPO;	
			DERWENT	
-	32	188/1.11\$.ccls. and (vibrat\$4 or noise) with (rotor or disk or disc)	USPAT;	2004/05/11 13:07
	ļ.	and brak\$4 and caliper	US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	1 1	188/1.11\$.ccls. and (vibrat\$4 or noise) with (rotor or disk or disc)	USPAT;	2004/05/11 13:08
		and brak\$4 and caliper and electric adj motor	US-PGPUB;	
			EPO; JPO; DERWENT	
l _	25	electric adj motor same motor near3 drive same vibration near3	USPAT;	2004/05/11 13:09
		control	US-PGPUB;	2004/00/11 10:03
			EPO; JPO;	
			DERWENT	
-	1	electric adj motor same motor near3 drive same vibration near3	USPAT;	2004/05/11 13:10
		control same brak\$4	US-PGPUB;	
			EPO; JPO;	
	9	olootrio adi matan agree vilandian naggi santual agree bushifit	DERWENT	0004/05/44 40:40
-	9	electric adj motor same vibration near3 control same brak\$4	USPAT;	2004/05/11 13:10
			US-PGPUB; EPO; JPO;	
]			DERWENT	
-	1 1	vibration near3 control same brak\$4 same caliper same piston	USPAT:	2004/05/11 13:11
		, and the same same same same same same same sam	US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	30	vibration near3 (damp\$6 or control) same brak\$4 same caliper	USPAT;	2004/05/11 13:14
		same piston	US-PGPUB;	
			EPO; JPO; DERWENT	
1_	l 0	6047794.URPN.	USPAT	2004/05/11 13:12
-	11	("4153815" "4417098" "4490841" "4562589" "5418858"	USPAT	2004/05/11 13:12
]	"5426705" "5660251" "5667047" "5687818" "5860494"		
		"5865515").PN.		
-	25	188/1.11e.ccls. and electric adj motor	USPAT;	2004/05/11 13:17
			US-PGPUB	
-	9	electric adj motor and depression with force with sensor and	USPAT;	2004/05/11 13:30
		caliper and brak\$4	US-PGPUB	0004/05/44 40 01
-	2	electric adj motor and depression with force with sensor and caliper and brak\$4 and amount same motor same (detect\$4 or	USPAT;	2004/05/11 13:21
		calculat\$4) same rota\$6	US-PGPUB	
	<u> </u>	Carolista // Samo rotago		

	,			
-	4	electric adj motor with fluctuat\$4 with brak\$4	USPAT; US-PGPUB	2004/05/11 13:31
-	0	electric adj motor with drive same moteo same vibration	USPAT; US-PGPUB	2004/05/11 13:31
-	611	electric adj motor with drive same motor same vibration	USPAT; US-PGPUB	2004/05/11 13:32
-	36	electric adj motor with drive same motor same vibration same (current or voltage) near5 motor	USPAT; US-PGPUB	2004/05/11 13:33
-	2	electric adj motor with drive same motor same vibration same (current or voltage) near5 motor same brak\$4	USPAT; US-PGPUB	2004/05/11 13:33
-	1	electric adj motor with drive same motor same vibration same (current or voltage) near5 motor same brak\$4	EPO; JPO; DERWENT	2004/05/11 13:33
-	4	electric adj motor same vibration same (current or voltage) near5 motor same brak\$4	EPO; JPO; DERWENT	2004/05/11 13:33
-	36	advics.asn. and brak\$4 and motor	USPAT; US-PGPUB;	2004/05/11 13:36
			EPO; JPO; DERWENT	
-	1	2003-846324.NRAN.	DERWENT	2004/05/11 13:36
-	322	brak\$4 same electric adj motor same caliper	USPAT;	2004/05/11 13:37
		·	US-PGPUB;	
			EPO; JPO;	
			DERWENT	
-	82	brak\$4 same electric adj motor same caliper and (detecting or	USPAT;	2004/05/11 13:43
		sensor or sensing) with motor	US-PGPUB;	
			EPO; JPO; DERWENT	
-	O	brak\$4 same electric adj motor same caliper and (detecting or	USPAT;	2004/05/11 13:39
		sensor or sensing) with motor and vibration, ab, clm, ti.	US-PGPUB;	
	i .		EPO; JPO;	
			DERWENT	0004/05/44 40 40
-	0	brak\$4 same electric adj motor same caliper and (detecting or	USPAT;	2004/05/11 13:40
		sensor or sensing) with motor and vibration.ab,clm,ti.	US-PGPUB; EPO; JPO;	
			DERWENT	
-	354152	vibration.ab,clm,ti.	USPAT;	2004/05/11 13:40
			US-PGPUB;	
			EPO; JPO;	
_	0	brak\$4 same electric adj motor same caliper and (detecting or	DERWENT USPAT;	2004/05/11 13:40
	1	sensor or sensing) with motor with (vibrat\$6 or squeal\$4 or noise)	US-PGPUB;	2004/03/11 13.40
		(1.5.2.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4	EPO; JPO;	
			DERWENT	
-	463	(188/71.5).CCLS.	USPAT;	2004/05/11 13:48
	0	("sepac.asn.").PN.	US-PGPUB USPAT:	2004/05/12 05:20
-		(Sepaulasii. J.Fix.	US-PGPUB	2004/03/12 03:20
	27	188/171-173.ccls, and stack	USPAT;	2004/05/11 13:49
			US-PGPUB	
-	13	188/171-173.ccls. and swing	USPAT;	2004/05/11 13:51
	0	armature with leaf with enting with (aving \$6 or are at table \$1	US-PGPUB	2004/05/44 12:52
•	0	armature with leaf with spring with (swing\$6 or arc or rotat\$5) with (pad or shoe)	USPAT; US-PGPUB	2004/05/11 13:52
-	150	armature with leaf with spring with (swing\$6 or arc or rotat\$5)	USPAT;	2004/05/11 13:55
_		armatura with leaf with (owing & ar are ar relates) with and	US-PGPUB USPAT:	2004/05/44 42:56
-	4	armature with leaf with (swing\$6 or arc or rotat\$5) with angle	USPAT; US-PGPUB	2004/05/11 13:56
-	7	armature with leaf and (swing\$6 or arc or rotat\$5) with brak\$4	USPAT;	2004/05/11 13:57
	102	same shoe armature with leaf and (swing\$6 or arc or rotat\$5) with (plates! or	US-PGPUB	2004/05/11 42:59
	102	disks! or discs!)	USPAT; US-PGPUB	2004/05/11 13:58
-	1	armature with leaf and (swing\$6 or arc or rotat\$5) with (plates! or	USPAT;	2004/05/11 13:58
		disks! or discs!) with (shoe or pad)	US-PGPUB	
-	0	sepac.asn.	USPAT;	2004/05/12 05:22
]		US-PGPUB;	
			EPO; JPO; DERWENT	
	·	<u> </u>		

188/365-369.ccls. and 188/171.ccls.					
BB/385-369.ccis. and 188/171.ccis. BB/385-369.ccis. and armature SPATI	-	126	yoke\$5 same spring same armature same brak\$4		2004/05/12 05:24
188/365-369.ccis. and 188/171.ccis. USPAT: US-PGPUB USPAT: U					
1 188/365-369.ccls. and armature 188/365-369.ccls. and armature 188/365-369.ccls. and armature 188/365-369.ccls. and armature 188/365-369.ccls. and armature 188/367.ccls. and segment 188/367.ccls. and radials with plurality with electromagnetic 188/377.ccls. and segment 188/377.ccls. and segment 188/377.ccls. and segment 188/377.ccls. and segment 188/377.ccls. and segment 188/377.ccls. and segment 188/377.ccls. and segment 188/377.ccls. and segment 188/377.ccls. and segment 188/377.ccls. and segment 188/377.ccls. and segment 188/377.ccls. and segment 188/377.ccls. and segment 188/373.ccls. and armature					
1 188/365-369.ccls. and armature US-FGPUB USPAT; US-FGPUB 188/171.ccls. and segment USPAT; US-FGPUB 188/171.ccls. and radials with plurality with electromagnetic USPAT; US-FGPUB USPAT; US-FGPU	l <u>.</u>	0	188/365-369 ccls, and 188/171 ccls.		2004/05/12 05:25
1 188/355-369.cols. and armature USPAT;			100/000-000.0013. and 100/17 1.0013.	,	2004/00/12 05:25
### armature and brak\$4 with (springapplied or spring adj applied) ### armature and brak\$4 with (springapplied or spring adj applied) ### 188/171.ccls. and segment 188/171.ccls. and segment USPAT; US-PCPUB	l <u>.</u>	1	188/365-369 ccls, and armature		2004/05/12 05:25
61 armature and brak\$4 with (springapplied or spring adj applied) USPAT; SPCPUB USPAT; 2004/05/12 05:27 188/171.ccls. and segment USPAT; USPAT; 2004/05/12 05:32 USPAT; 2004/05/12 05:32 USPAT; 2004/05/12 05:32 USPAT; 2004/05/12 05:32 USPAT; 2004/05/12 05:32 USPAT; 2004/05/12 05:32 USPAT; 2004/05/12 05:32 USPAT; 2004/05/12 05:32 USPAT; 2004/05/12 05:32 USPAT; 2004/05/12 05:32 USPAT; 2004/05/12 05:32 USPAT; 2004/05/12 05:32 USPAT; 2004/05/12 05:32 USPAT; 2004/05/12 05:32 USPAT; 2004/05/12 05:32 USPAT; 2004/05/12 05:33 USPAT; 2004/05/12 05:33 USPAT; 2004/05/12 05:34 USPAT; 2004/05/12 05:34 USPAT; 2004/05/12 05:34 USPAT; 2004/05/12 05:35 USPAT; 2004/05/		•	100/000 000,0010, and armadaro		200 00, 12 00.20
188/171.cds. and segment	l <u>.</u>	61	armature and brak\$4 with (springapplied or spring adj applied)		2004/05/12 05:27
188/171.ccls. and segment		"	amaiaro ana orante i mai (opinigappinoa or opinig auj appinoa)		200 00. 12 00.21
1 188/171.ccls. and radials with plurality with electromagnetic US-PGPUB USPAT; US-PGPUB U	1_	16	188/171 ccls, and segment		2004/05/12 05:29
188/171.ccls. and radials with plurality with electromagnetic SPAT, SPAT			1007 11 1100 Condition Condition		200 00 12 0020
188/171.ccls. and yoke and (stack or pack) and spring	_	1	188/171.ccls, and radial\$ with plurality with electromagnetic		2004/05/12 05:30
188/171.ccls. and yoke and (stack or pack) and spring USPAT; USPCPUB					
188/171.cds. and (stack or pack) and spring US-PGUB USPAT; US-PGUB	_	0	188/171.ccls, and yoke and (stack or pack) and spring		2004/05/12 05:31
arcuate adj travel same brak\$4 - 16 arcuate adj travel same brak\$4 - 2463 brak\$4 same (arm or lever) same end near5 (shoe or motor or lining or pad) - 129 brak\$4 same (arm or lever) same end near5 (shoe or motor or lining or pad) - 129 brak\$4 same (arm or lever) same end near5 (shoe or motor or lining or pad) and armature - 120 brak\$4 same (arm or lever) same end near5 (shoe or motor or lining or pad) and armature with (swing\$4 or arc or arcuate\$4 or rotat\$5 or oscillat\$5 or pivot\$4) - 5 armature with semilinited with (pivot\$4 or swing\$4 or rotat\$5 or arc or arcuate\$4 or rotat\$5 or oscillat\$5 or pivot\$4) - 5 armature with segment\$4 with brak\$4 - 5 armature with segment\$4 with brak\$4 - 15 leaf with arc with brak\$4 - 15 leaf with arc with brak\$4 - 16 arc with brak\$4 with spring - 17 arc with brak\$4 with spring - 18 arc with brak\$4 with spring - 19 arc with brak\$4 with spring and armature - 10 plurality with saml with pads! - 11 plurality with saml with pads! - 12 plurality with small with pads! - 13 plurality with small with pads! - 14 ((188/72.2).CCLS.) and (armature or electromagnet\$4) - 15 ((188/76.2).CCLS.) and (armature or electromagnet\$4) - 16 (188/712.2).CCLS.) and (armature or electromagnet\$4) - 17 (188/167.) or (188/70b) or (188/70b).CCLS 188/140a.ccls. and armature - 188/140a.ccls. and armature - 188/140a.ccls. and armature - 188/140a.ccls. and armature - 188/140a.ccls. and armature - 188/140a.ccls. and armature - 188/140a.ccls. and armature - 2004/05/12 06:13 - 2004/05/12 06:			, , , , , ,	US-PGPUB	
arcuate adj travel same brak\$4 - 16 arcuate adj travel same brak\$4 - 2463 brak\$4 same (arm or lever) same end near5 (shoe or motor or lining or pad) - 129 brak\$4 same (arm or lever) same end near5 (shoe or motor or lining or pad) - 129 brak\$4 same (arm or lever) same end near5 (shoe or motor or lining or pad) and armature - 120 brak\$4 same (arm or lever) same end near5 (shoe or motor or lining or pad) and armature with (swing\$4 or arc or arcuate\$4 or rotat\$5 or oscillat\$5 or pivot\$4) - 5 armature with semilinited with (pivot\$4 or swing\$4 or rotat\$5 or arc or arcuate\$4 or rotat\$5 or oscillat\$5 or pivot\$4) - 5 armature with segment\$4 with brak\$4 - 5 armature with segment\$4 with brak\$4 - 15 leaf with arc with brak\$4 - 15 leaf with arc with brak\$4 - 16 arc with brak\$4 with spring - 17 arc with brak\$4 with spring - 18 arc with brak\$4 with spring - 19 arc with brak\$4 with spring and armature - 10 plurality with saml with pads! - 11 plurality with saml with pads! - 12 plurality with small with pads! - 13 plurality with small with pads! - 14 ((188/72.2).CCLS.) and (armature or electromagnet\$4) - 15 ((188/76.2).CCLS.) and (armature or electromagnet\$4) - 16 (188/712.2).CCLS.) and (armature or electromagnet\$4) - 17 (188/167.) or (188/70b) or (188/70b).CCLS 188/140a.ccls. and armature - 188/140a.ccls. and armature - 188/140a.ccls. and armature - 188/140a.ccls. and armature - 188/140a.ccls. and armature - 188/140a.ccls. and armature - 188/140a.ccls. and armature - 2004/05/12 06:13 - 2004/05/12 06:	-	27	188/171.ccls. and (stack or pack) and spring	USPAT;	2004/05/12 05:32
SPGPUB US-PGPUB				US-PGPUB	
SPGPUB US-PGPUB	_	О .	arcuate adj travell same brak\$4	USPAT;	2004/05/12 05:33
2463 brak\$4 same (arm or lever) same end near5 (shoe or motor or lining or pad) 129 brak\$4 same (arm or lever) same end near5 (shoe or motor or lining or pad) brak\$4 same (arm or lever) same end near5 (shoe or motor or lining or pad) and armature with (swing\$4 or arc or arcuate\$4 or rotat\$5 or oscillat\$5 or pivot\$4) USPAT; US-PGPUB USPA			· /	US-PGPUB	
2463 brak\$4 same (arm or lever) same end near5 (shoe or motor or lining or pad) 129 brak\$4 same (arm or lever) same end near5 (shoe or motor or lining or pad) brak\$4 same (arm or lever) same end near5 (shoe or motor or lining or pad) and armature with (swing\$4 or arc or arcuate\$4 or rotat\$5 or oscillat\$5 or pivot\$4) USPAT; US-PGPUB USPA	-	16	arcuate adj travel same brak\$4	USPAT;	2004/05/12 05:34
129			-		
129	-	2463			2004/05/12 05:35
lining or pad) and armature US-PGPUB USPAT; US-PGPUB USP					
90 brak\$4 same (arm or lever) same end near5 (shoe or motor or lining or pad) and armature with (swing\$4 or arc or arcuate\$4 or rotat\$5 or oscillat\$5 or pivot\$4\) armature with limited with (pivot\$4 or swing\$4 or rotat\$5 or arc or arcuate) with brak\$4 USPAT; US-PGPUB USPAT; US-	-	129			2004/05/12 05:39
Ilining or pad) and armature with (swing\$4 or arc or arcuate\$4 or rotat\$5 or oscillat\$5 or opivot\$4) armature with limited with (pivot\$4 or swing\$4 or rotat\$5 or arc or arcaute) with brak\$4 Sarmature with brak\$4 USPAT; USPGPUB USPAT; USPGPU					
rotat§5 or oscillat§5 or pivot§4) armature with limited with (pivot§4 or swing§4 or rotat§5 or arc or arcaute) with brak§4 armature with (pieshape§4 or pie adj shap\$4) 15 armature with (pieshape§4 or pie adj shap\$4) 15 armature with (pieshape§4 or pie adj shap\$4) 15 armature with (pieshape§4 or pie adj shap\$4) 15 armature with brak§4 15 armature with brak§4 16 beaf with arc with brak\$4 17 beaf with arc with brak\$4 18 beaf with arc with brak\$4 19 columnary arc with brak\$4 10 columnary arc with brak\$4 11 arc with brak\$4 with spring and armature 11 arc with brak\$4 with spring and armature 12 arc with brak\$4 with spring and armature 13 arc with brak\$4 with spring and armature 14 columnary arc with brak\$4 with brak\$4 same (armature or electromagnet) plurality with small with pads! 15 arc with brak\$4 with spring and armature 16 columnary arc with brak\$4 with brak\$4 same (armature or electromagnet) usPAT; usPGPUB usPGPUB usPAT; usPGPUB usPAT; usPGPUB usPAT; usPGPUB usPAT; usPGPUB usPAT; usPGPUB usPAT; usPGPUB usPAT; usPGPUB usPGPUB usPAT; usPGPUB usPAT; usPGPUB usPGPUB usPGPUB usPAT; usPGPUB usP	-	90			2004/05/12 05:43
- 5 armature with limited with (pivot\$4 or swing\$4 or rotat\$5 or arc or arcaute) with brak\$4 US-PGPUB US-PGPUB US-PGPUB US-PGTUB US-PGPUB US-PGTUB US-				US-PGPUB	
arcaute) with brak\$4 armature with (pieshape\$4 or pie adj shap\$4) 15 armature with (pieshape\$4 or pie adj shap\$4) 15 armature with segment\$4 with brak\$4 15 leaf with arc with brak\$4 15 leaf with arc with brak\$4 15 leaf with arc with brak\$4 16 leafed with arc with brak\$4 17 leafed with arc with brak\$4 18 leafed with arc with brak\$4 19 leafed with arc with brak\$4 10 leafed with arc with brak\$4 10 leafed with arc with brak\$4 11 leafed with arc with brak\$4 11 leafed with arc with brak\$4 11 leafed with arc with brak\$4 11 leafed with arc with brak\$4 11 leafed with arc with brak\$4 11 leafed with arc with brak\$4 11 leafed with arc with brak\$4 11 leafed with arc with brak\$4 11 leafed with arc with brak\$4 12 leafed with arc with brak\$4 13 leafed with arc with brak\$4 13 leafed with arc with brak\$4 14 leafed with arc with brak\$4 15 leaf with arc with brak\$4 16 leafed with arc with brak\$4 17 leafed with arc with brak\$4 18 leafed					
- 5 armature with (pieshape\$4 or pie adj shap\$4) USPAT; US-PGPUB US-PG	-	5			2004/05/12 05:45
US-PGPUB US-PGPUB US-PGPUB US-PGPUB US-PGFUB U					
- 15 armature with segment\$4 with brak\$4 USPAT; US-PGPUB US-PGPUB USPAT; US-PGPUB US-	-	5	armature with (pieshape\$4 or pie adj shap\$4)		2004/05/12 05:46
Separation					
- 5 leaf with arc with brak\$4 - 0 leafed with arc with brak\$4 - 115 arc with brak\$4 with spring - 116 arc with brak\$4 with spring - 117 arc with brak\$4 with spring and armature - 118 arc with brak\$4 with spring and armature - 110 arc with brak\$4 with spring and armature - 1110 arc with brak\$4 with spring and armature - 1110 arc with brak\$4 with spring and armature - 1110 arc with brak\$4 with spring and armature - 1110 arc with brak\$4 with spring and armature - 1110 arc with brak\$4 with spring and armature - 1110 arc with brak\$4 with spring and armature - 1110 arc with brak\$4 with spring arc with brak\$4 same (armature - 1110 arc with brak\$4 with spring arc with brak\$4 with brak\$4 uspar; - 1110 arc with brak\$4 with spring and armature - 1110 arc with brak\$4 with spring arc with brak\$4 uspar; - 1110 arc with brak\$4 with spring arc with brak\$4 same (armature - 1110 arc with brak\$4 with spring arc with brak\$4 same (armature - 1110 arc with brak\$4 with brak\$4 same (armature - 1110 arc with brak\$4 with brak\$4 same (armature - 1110 arc with brak\$4 with brak	-	15	armature with segment\$4 with brak\$4		2004/05/12 05:51
- 0 leafed with arc with brak\$4 - 115 arc with brak\$4 with spring - 10 arc with brak\$4 with spring - 27 (spring adj appl\$4 or springappl\$4) with brak\$4 same (armature uspAT; uspepub uspAT; uspAD;		_			
- 115 arc with brak\$4 with spring	-	5	leaf with arc with brak\$4		2004/05/12 05:52
- 115 arc with brak\$4 with spring			Andread Manager Manager		0004/05/40 05 50
- 115 arc with brak\$4 with spring	1 -	0	leated with arc with drak\$4		2004/05/12 05:52
- 10 arc with brak\$4 with spring and armature		445	are with health with anxion		2004/05/42 05:52
- 10 arc with brak\$4 with spring and armature	-	115	arc with brak\$4 with spring		2004/05/12 05:52
- 27 (spring adj appl\$4 or springappl\$4) with brak\$4 same (armature or electromagnet or electro adj magnet) - 0 plurality with saml with pads! - 333 plurality with small with pads! - 1 plurality with small with pads! USPAT; US-PGPUB - 1 plurality with small with pads! USPAT; US-PGPUB - 1 plurality with small with pads! WSPAT; US-PGPUB - 1 1 ("0188366").PN. or (188/367).CCLS 206 (188/72.2).CCLS 206 (188/72.2).CCLS 14 ((188/72.2).CCLS.) and (armature or electromagnet\$4) - 234 ((188/70r) or (188/70b) or (188/70a)).CCLS 234 ((188/70r) or (188/70b) or (188/70a)).CCLS 1 1 188/137.ccls. and armature - 22 188/138.ccls. and armature - 22 188/138.ccls. and armature - 27 188/138.ccls. and armature - 28 188/138.ccls. and armature - 29 188/138.ccls. and armature - 20 188/138.ccls. and armature		40	are with broken with anxing and armeture		2004/05/42 05:52
- 27 (spring adj appl\$4 or springappl\$4) with brak\$4 same (armature or electromagnet or electro adj magnet) - 0 plurality with saml with pads! - 333 plurality with small with pads! - 1 plurality with small with pads! - 1 plurality with small with pads! USPAT; - 1 plurality with small with pads! USPAT; - 1 plurality with small with pads! WSPAT; - 1 1 plurality with small with pads! WSPAT; - 1 1 plurality with small with pads! WSPAT; - 1 1 plurality with small with pads! WSPAT; - 1 2004/05/12 05:58 - 2004/05/12 05:58 - 2004/05/12 06:00 - 2006 (188/72.2).CCLS.) and (armature or electromagnet\$4) - 2004/05/12 06:00 - 2004/05/12 06:00 - 2004/05/12 06:02 - 2004/05/12 06:02 - 2004/05/12 06:02 - 2004/05/12 06:02 - 2004/05/12 06:03 - 2004/05/12 06:03 - 2004/05/12 06:12 - 2004/05/12 06:12 - 2004/05/12 06:12 - 2004/05/12 06:12 - 2004/05/12 06:12 - 2004/05/12 06:12 - 2004/05/12 06:13 - 2004/05/12 06:13 - 2004/05/12 06:13 - 2004/05/12 06:13 - 2004/05/12 06:13	-	10	arc with brak\$4 with spring and armature		2004/05/12 05:53
- 0 plurality with saml with pads! US-PGPUB USPAT; US-PGPUB US	1_	27	(enring adj appl\$4 or enringangl\$4) with heak\$4 same (armsture		2004/05/12 05:57
- 0 plurality with saml with pads! USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB US-P	1	21			2004/03/12 03.37
- 333 plurality with small with pads! US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB US-PGPUB USPAT; US-PGPUB US-PGPU	1.				2004/05/12 05:57
- 333 plurality with small with pads! USPAT; US-PGPUB USPAT; U	1		paranty mai saini mai paus:	,	2007/00/12 00:01
- 1 plurality with small with pads! with brak\$4 USPAT; US-PGPUB US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT	-	333	plurality with small with pads!		2004/05/12 05:58
- 185 ("0188366").PN. or (188/367).CCLS 206 (188/72.2).CCLS 14 ((188/72.2).CCLS.) and (armature or electromagnet\$4) - 7789 (armature or electromagnet\$4) with brak\$4 - 234 ((188/70r) or (188/70b) or (188/70a)).CCLS 188/140a.ccls. and armature - 22 188/138.ccls. and armature - 22 188/138.ccls. and armature - 2004/05/12 05:58 - 189 (USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB U			Fig. and the cities that page		200 11001 12 00.00
- 185 ("0188366").PN. or (188/367).CCLS. - 206 (188/72.2).CCLS. - 14 ((188/72.2).CCLS.) and (armature or electromagnet\$4) - 15 (armature or electromagnet\$4) with brak\$4 - 234 ((188/70r) or (188/70b) or (188/70a)).CCLS. - 1 188/140a.ccls. and armature - 1 188/137.ccls. and armature - 2 188/138.ccls. and armature - 2 188/138.ccls. and armature - 2004/05/12 06:00 USPAT; US-PGPUB USPAT; US	-	1	plurality with small with pads! with brak\$4		2004/05/12 05:58
- 185 ("0188366").PN. or (188/367).CCLS. - 206 (188/72.2).CCLS. - 14 ((188/72.2).CCLS.) and (armature or electromagnet\$4) - 15 (188/72.2).CCLS.) and (armature or electromagnet\$4) - 16 (188/72.2).CCLS.) and (armature or electromagnet\$4) - 1789 (armature or electromagnet\$4) with brak\$4 - 188/137.ccls. and armature - 188/138.ccls. and armature - 188/138.ccls. and armature - 19 (188/138.ccls. and armature - 19 (188/138.ccls. and armature - 19 (188/138.ccls. and armature - 19 (198/138.ccls. and armature			Francisco Control Cont		
- 206 (188/72.2).CCLS. US-PGPUB US-PGPU	-	185	("0188366").PN. or (188/367).CCLS.		2004/05/12 06:00
- 206 (188/72.2).CCLS. USPAT; US-PGPUB (188/72.2).CCLS.) and (armature or electromagnet\$4) USPAT; US-PGPUB 2004/05/12 06:02 USPAT; US-PGPUB 2004/05/12 06:02 USPAT; US-PGPUB 2004/05/12 06:03 USPAT; US-PGPUB 2004/05/12 06:03 USPAT; US-PGPUB 2004/05/12 06:12 USPAT; US-PGPUB 2004/05/12 06:12 USPAT; US-PGPUB 2004/05/12 06:12 USPAT; US-PGPUB 2004/05/12 06:12 USPAT; US-PGPUB 2004/05/12 06:13 USPAT; US-PGPUB 2004/05/12 06:13 USPAT; US-PGPUB 2004/05/12 06:13 USPAT; US-PGPUB 2004/05/12 06:13 USPAT; US-PGPUB 2004/05/12 06:13			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
- 14 ((188/72.2).CCLS.) and (armature or electromagnet\$4) US-PGPUB	_	206	(188/72.2).CCLS.		2004/05/12 06:00
- 14 ((188/72.2).CCLS.) and (armature or electromagnet\$4) USPAT; US-PGPUB USPA					
- 7789 (armature or electromagnet\$4) with brak\$4 US-PGPUB	-	14	((188/72.2).CCLS.) and (armature or electromagnet\$4)		2004/05/12 06:02
- 7789 (armature or electromagnet\$4) with brak\$4 USPAT; US-PGPUB US-PGP				US-PGPUB	
- 234 ((188/70r) or (188/70b) or (188/70a)).CCLS. US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; 2004/05/12 06:13	-	7789	(armature or electromagnet\$4) with brak\$4		2004/05/12 06:03
- 0 188/140a.ccls. and armature US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; 2004/05/12 06:13					
- 0 188/140a.ccls. and armature USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; 2004/05/12 06:13	-	234	((188/70r) or (188/70b) or (188/70a)).CCLS.	USPAT;	2004/05/12 06:12
- 1 188/137.ccls. and armature US-PGPUB USPAT; 2004/05/12 06:13 - 22 188/138.ccls. and armature USPAT; 2004/05/12 06:13				US-PGPUB	
- 1 188/137.ccls. and armature USPAT; US-PGPUB USPAT; 2004/05/12 06:13	-	0	188/140a.ccls. and armature		2004/05/12 06:12
- 22 188/138.ccls. and armature US-PGPUB USPAT; 2004/05/12 06:13					
- 22 188/138.ccls. and armature USPAT; 2004/05/12 06:13	-	1	188/137.ccls. and armature		2004/05/12 06:13
US-PGPUB	-	22	188/138.ccls. and armature		2004/05/12 06:13
		l		US-PGPUB	<u> </u>

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-	3	sepac	USPAT; US-PGPUB	2004/05/12 06:32
 • ·	0	benasutti/att	USPAT;	2004/05/12 06:33
			US-PGPUB	2004/05/42 00:00
-	0	benasutti/att.	USPAT; US-PGPUB	2004/05/12 06:33
-	746	benasutti	USPAT;	2004/05/12 06:33
	454	haras was	US-PGPUB	2004/05/40 00 00
-	454	benasutti.att.	USPAT; US-PGPUB	2004/05/12 06:33
-	1	benasutti.att. and brak\$4 and armature	USPAT;	2004/05/12 06:35
	,	honocutti ott and const aco	US-PGPUB	2004/05/42 00:24
-	'	benasutti.att. and sepal.asn.	USPAT; US-PGPUB	2004/05/12 06:34
-	3	sepal.asn.	USPAT;	2004/05/12 06:34
_	4	benasutti.att. and armature	US-PGPUB USPAT;	2004/05/12 06:36
-	· •	benasutu.att. and annature	US-PGPUB	2004/03/12 00.30
-	1228	spring with armature with (segment\$4 or shape\$4)	USPAT;	2004/05/12 06:37
-	29	spring with armature with (segment\$4 or shape\$4) with brak\$4	US-PGPUB USPAT:	2004/05/12 06:37
	23		US-PGPUB	
-	0	friction adj pads! with glued with (apex or end)	USPAT;	2004/05/12 06:59
-	33	(linings! or shoes! or brakes! or pads!) with glued with (apex or	US-PGPUB USPAT;	2004/05/12 07:01
		end)	US-PGPUB	
-	6	armature with noncircular	USPAT; US-PGPUB	2004/05/12 07:02
-	6	armature with end with (shoe or pad or actuator or brake) with	USPAT;	2004/05/12 07:03
		(glue or glued or adhesive)	US-PGPUB	
-	42	armature and end with (shoe or pad or actuator or brake) with (glue or glued or adhesive)	USPAT; US-PGPUB	2004/05/12 07:07
-	59	armature and holding adj brake	USPAT;	2004/05/12 07:16
	188	armature with brake and brake with (pads! or shoes! or pucks! or	US-PGPUB	2004/05/42 07:49
	100	motors! or actuators! or linings!) with (arm or lever or rotary or	USPAT; US-PGPUB	2004/05/12 07:18
	40	rotat\$5 or elongated)		
-	10	armature with brake with springs! with (radial\$4 or circumferential\$4)	USPAT; US-PGPUB	2004/05/12 07:19
-	20	armature same brake same springs! with (radial\$4 or	USPAT;	2004/05/12 07:26
	,	circumferential\$4)	US-PGPUB	2004/05/40 07:07
-	2	spring same twist same grabs!	USPAT; US-PGPUB	2004/05/12 07:27
-	1017	spring with pipe with (grab or hold\$4)	USPAT;	2004/05/12 07:28
_	9	spring with pipe with (grab or hold\$4) with (inside or interior or	US-PGPUB USPAT;	2004/05/12 07:29
		within) with (turn\$4 or twist\$)	US-PGPUB	2004/03/12 01.29
-	174	spring with pipe with (grab or hold\$4) with (inside or interior or	USPAT;	2004/05/12 07:33
-	91	within) spring with (torsion or wound) and 188/82.1-82.9.ccls.	US-PGPUB USPAT;	2004/05/12 07:38
			US-PGPUB	
-	52	spring with (torsion or wound) and 188/77\$.ccls.	USPAT; US-PGPUB	2004/05/12 07:40
-	136	spring with (torsion or wound)with (brak\$4 or hold\$5) and	USPAT;	2004/05/12 07:41
	400	248/\$.ccls.	US-PGPUB	
-	136	spring with (torsion or wound) with (brak\$4 or hold\$5) and 248/\$.ccls.	USPAT; US-PGPUB	2004/05/12 07:44
-	32	spring with (torsion or wound) with (brak\$4 or hold\$5) and	USPAT;	2004/05/12 07:45
	61	294/\$.ccls. spring with (torsion or wound) with (brak\$4 or hold\$5) and	US-PGPUB	2004/05/42 07:40
	"	24/\$.ccls.	USPAT; US-PGPUB	2004/05/12 07:46
-	360	spring with (torsion or wound) with (brak\$4 or hold\$5) with (pipe	USPAT;	2004/05/12 07:47
_	118	or rod) spring with (torsion or wound) with (brak\$4 or hold\$5) with (pipe	US-PGPUB USPAT;	2004/05/12 07:49
	110	or rod) with (twist\$4 or turn\$4 or rotat\$4 or oneway or one adj	US-PGPUB	2007/03/12 07.49
	_	way)		

				r
-	196	spring with (torsion or wound) same (brak\$4 or hold\$5) same	USPAT;	2004/05/12 07:53
		spring near4 (pipe or rod) same (twist\$4 or turn\$4 or rotat\$4 or	US-PGPUB	
		oneway or one adj way)		4
-	4243		USPAT;	2004/05/12 07:55
		spring near4 (pipe or rod) same (twist\$4 or turn\$4 or rotat\$4 or	US-PGPUB	
		oneway or one adj way or brak\$4 or hold\$4)		
-	633	spring near3 (torsion or coil or coiled or torque or wound) same	USPAT;	2004/05/12 07:55
		spring near4 (pipe or rod) same (twist\$4 or turn\$4 or rotat\$4)	US-PGPUB	
1		same (oneway or one adj way or brak\$4 or hold\$4)		
-	7689	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	USOCR	2004/05/12 07:58
		spring near4 (pipe or rod) same (twist or twisted or turn or turned		
		or rotate or rotated) same (oneway or one adj way or brake or		
		hold or holding or held)		
-	125	1 (-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	USOCR	2004/05/12 07:57
		spring near4 (pipe or rod) same (twist or twisted or turn or turned		
		or rotate or rotated) same (oneway or one adj way or brake or		
		hold or holding or held)) and 248/\$.ccls.		0004/05/40 07 50
-	286	1 -1 - 3	USOCR	2004/05/12 07:58
		spring near4 (pipe) same (twist or twisted or turn or turned or		
		rotate or rotated) same (oneway or one adj way or brake or hold		
İ	6	or holding or held)	HCOOD	0004/05/40 07.50
-	0	pring near (toroion or con or conca or torque or mound) came	USOCR	2004/05/12 07:58
		spring near4 (pipe) same (twist or twisted or turn or turned or rotate or rotated) same (oneway or one adj way or brake or hold		
		or holding or held) and 248/\$.ccls.		
	0	Kamiya.in. and Kondo.in. and Saski.in. and oba.in.	USPAT:	2004/09/06 08:54
Ī -	"	Ramiya.iii. and Rondo.iii. and Saski.iii. and Oba.iii.	US-PGPUB:	2004/09/00 06:54
			EPO; JPO;	
			DERWENT	
_	13	advics.asn. and brak\$4 same vibration	USPAT;	2004/09/06 09:18
	'3	advice.com and braket same vibration	US-PGPUB:	2007/03/00 03.10
			EPO; JPO;	
			DERWENT	
		<u> </u>		i